

Name _____
GEOMETRY Period _____

Date _____

DESIGN YOUR OWN CITY!!

You have the opportunity to design your own city! Be creative but make sure to meet all of the criteria listed below.

Your city must have:

- A name (written at the top of your plan)
- A population (written at the top of your plan)

Your city must have the following and be correct to receive full credit:

- 5 parallel streets (each street must be named)
- 2 transversal streets (each street must be named)

The following buildings (LABEL EACH BUILDING) must be placed as directed:

- A gas station and a restaurant (alternate exterior angles)
- Your house and a school (same side interior angle)
- A courthouse and a bank (vertical angles)
- A general store and a church (corresponding angles)
- A library and a park (alternate interior angles)
- A community pool and a convenience store (adjacent supplementary angles)

All names must be school appropriate.

Neatness is important!!

THIS SHEET MUST BE TURNED IN WITH YOUR PROJECT!!!!

Locations: (3 points each)

- _____/3 A gas station and a restaurant (alternate exterior angles)
- _____/3 Your house and a school (same side interior angle)
- _____/3 A courthouse and a bank (vertical angles)
- _____/3 A general store and a church (corresponding angles)
- _____/3 A library and a park (alternate interior angles)
- _____/3 A community pool and a convenience store

_____/18 **Total for Locations**

Other:

- _____/2 City Name and Population (2 points)
- _____/4 At least 5 parallel streets (4 points)
- _____/2 At least 2 transversals (2 points)
- _____/4 Neatness, Color, Creativity (4 points)

_____/12 **Total for Other**

_____/30 **PROJECT TOTAL**